

Notice of Allowability

Application No.

09/987,517

Examiner

Yves Dalencourt

Applicant(s)

SAKATA, MASAYUKI

Art Unit

2157

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed on 04/12/2007.
2. ☒ The allowed claim(s) is/are 1-3, 5, 7-10, 12, 14, 16 and 18-20.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.


Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


YVES DALENCOURT
PRIMARY EXAMINER
TECHNOLOGY CENTER 2100

DETAILED ACTION

This office action is responsive to amendment filed on 04/12/2007.

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. J. Warren Lytle, Jr. on 05/17/2007.

The application has been amended as follows:

In claim 1, please delete "," (line 9); and insert after Internet in line 9 ---- ; a Mobile IP (Internet Protocol) HA (Home Agent) device provided in said information service network for managing which network said mobile terminal exists in and delivering received data to an appropriate network over the Internet; a FA (Foreign Agent) device provided in each of said plurality of communication networks for sending a position registration request from said mobile terminal to said HA device and transferring data delivered from said HA device over the Internet to said mobile terminal when said mobile terminal is under the coverage of said FA device; wherein said position registration request and a reply corresponding to said position registration request communicated between said HA device and said FA device are used to flexibly enable communications

between said plurality of communication networks and the continuation of the communications across said plurality of communication networks; and ---.

In claim 1, line 23, delete " a " and insert --- said --- before position registration.

In claim 8, delete " and " (line 6) and insert after networks in line 9 --- managing which network said mobile terminal exists in via a Mobile IP (Internet Protocol) HA (Home Agent) device and delivering received data to an appropriate network over the Internet; sending a position registration request from said mobile terminal to said HA device via a FA (Foreign Agent) provided in each of said plurality of communication networks, and transferring data delivered from said HA device over the Internet to said mobile terminal when said mobile terminal is under the coverage of said FA device; wherein said position registration request and a reply corresponding to said position registration request communicated between said HA device and said FA device are used to flexibly enable communications between said plurality of communication networks and the continuation of the communications across said plurality of communication networks; and ----.

In claim 19, delete "a mobile terminal for sending a position registration request from said mobile terminal to a Home Agent (HA) device via a Foreign Agent (FA); (lines 4 and 5); delete " and " (line 8); and insert after Internet in line 11 --- a Mobile IP (Internet Protocol) HA (Home Agent) device provided in said information service network for managing which network said mobile terminal exists in and delivering received data to an appropriate network over the Internet;

a FA (Foreign Agent) device provided in each of said plurality of communication networks for sending a position registration request from said mobile terminal to said HA device and transferring data delivered from said HA device over the Internet to said mobile terminal when said mobile terminal is under the coverage of said FA device; wherein said position registration request and a reply corresponding to said position registration request communicated between said HA device and said FA device are used to flexibly enable communications between said plurality of communication networks and the continuation of the communications across said plurality of communication networks; and ---.

In claim 20, delete " and " (line 11); and insert after information (line 13) --- ; and wherein said position registration request and a reply corresponding to said position registration request communicated between said HA device and said FA device are used to flexibly enable communications between said plurality of communication networks and the continuation of the communications across said plurality of communication networks ---.

In claim 2, delete " claim 15 (line 1) " and insert --- claim 1 ---.

In claim 3, delete " claim 15 (line 1) " and insert --- claim 1 ---.

In claim 9, delete " claim 17 (line 1) " and insert --- claim 8 ---.

In claim 10, delete " claim 17 (line 1) " and insert --- claim 8 ---.

In claim 16, delete " claim 15 (line 1) " and insert --- claim 1 ---.


Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Yves Dalencourt whose telephone number is (571) 272-3998. The examiner can normally be reached on M-TH 7:30AM - 6:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ario Etienne can be reached on (571) 272 4001. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

May 17, 2007


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